

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-16 (canceled)

17. (Currently amended) A Transformed transformed and/or mutagenized unicellular or multicellular organism comprising wherein the enzymes in said organism for eugenol and/or ferulic acid catabolism which are inactivated by inserting Q elements, or introducing deletions, into corresponding genes, such that the intermediates coniferyl alcohol, coniferyl aldehyde, ferulic acid, vanillin and/or vanillic acid accumulate, and wherein eugenol and/or ferulic acid catabolism is altered by inserting Q elements, or introducing deletions, into corresponding genes.

18. (canceled)

19. (Currently amended) The Organism organism according to Claim 17, wherein the inactivated enzymes are one or more genes encoding the enzymes coniferyl alcohol dehydrogenases, coniferyl aldehyde dehydrogenases, feruloyl-CoA synthetases, enoyl-CoA hydratase-aldolases, beta-ketothiolases, vanillin dehydrogenases or vanillic acid demethylases is/are altered and/or inactivated.

20. (Currently amended) An The organism according to Claim 17, wherein said organism is unicellular.

21. (Currently amended) An The organism according to Claim 20, wherein said organism is selected from a group consisting of a microorganism, a plant cell or animal cell.

22. (Currently amended) An The organism according to Claim 17, wherein said organism is a bacterium.

23. (Currently amended) An The organism according to Claim 22, wherein said organism is of the *Pseudomonas* species.

24. (Withdrawn) Gene structures comprising nucleotide sequences which encode the enzymes coniferyl alcohol dehydrogenases, coniferyl aldehyde dehydrogenases, feruloyl-CoA synthetases, enoyl-CoA hydratase-aldolases, beta-ketothiolases, vanillin-dehydrogenases or vanillic acid demethylases, or two or more of these enzymes, and are altered and/or inactivated.

25. (Withdrawn) Gene structures having the sequences corresponding to SEQ ID NO:1 to SEQ ID NO:18.

26. (Withdrawn) Vectors comprising at least one gene structure having the sequences corresponding to SEQ ID N0:1 to SEQ ID NO: 18.

27. (Withdrawn) A transformed organism according to Claim 17, wherein said organism comprises at least one vector comprising

at least one gene structure having the sequences corresponding to SEQ ID NO:1 to SEQ ID NO:18.

28. (Withdrawn) Organism according to Claim 17, wherein said organism comprises at least one gene structure having the sequences corresponding to SEQ ID NO:1 to SEQ ID NO:18 which is integrated into the genome instead of the respective intact gene.

29. (Currently amended) A Process process for the biotechnological preparation of alcohols, aldehydes and organic acids, comprising ~~the step of adding an organism comprising wherein the enzymes in said organism for eugenol and/or ferulic acid catabolism which are inactivated by inserting of Ω elements, or introducing deletions, into corresponding genes,~~ such that the intermediates coniferyl alcohol, coniferyl aldehyde, ferulic acid, vanillin and/or vanillic acid accumulate.

30. (Currently amended) A Process process for preparing ~~an~~ the organism according to Claim 17, wherein the alteration in eugenol and/or ferulic acid catabolism is achieved by microbiological culturing methods, wherein said methods are used to further culture said organism.

31. (Currently amended) A Process process for preparing ~~an~~ the organism according to Claim 29 17, wherein the alteration in eugenol and/or ferulic acid catabolism, and/or the

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inactivation of the corresponding genes, is achieved by means of recombinant DNA methods.